

# Project Audit

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Project:  
**DeFighter**

April 27, 2022



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DeFighter

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# Overview

This audit has been prepared for **DeFighter** to review the main aspects of the project to help investors make an informative decision in the research process.

You will find a a summarized review of the following main key points:

- Contract's source code
- Project and team
- Website
- Social media & online presence

**NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.**

# Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



*"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"*  
– SpyWolf Team

# Smart Contract Summary

Contract Name	DeFighter
Ticker	\$DFC
Contract	0xA91CC4EA23Cc3822691b066526015CFa0De5adfd
Network	Binance smart chain
Language	Solidity
Tax	<b>Buy: 8%</b> <b>Sell: 8%</b>
Total Supply	250,000,000
Status	Not launched yet

## Current stats

Burn	No tokens burned
LP Address	Liquidity not added yet
Liquidity	Liquidity not added yet
MaxTxAmount	200,000

# Smart Contract Statistics

Transfer Count	7
Uniq Senders	2
Uniq Receivers	7
Total Amount	500000000 \$DFC
Median Transfer Amount	25000000 \$DFC
Average Transfer Amount	71428571 \$DFC
First transfer date	2022-04-02
Last transfer date	2022-04-02
Days tokens Transfer	1



Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

## Featured Wallets

Owner address	0x88b23F280b6955F1355191727a69DBC9De191335
LP token address	No liquidity added yet

## Top 3 Unlocked Wallets

Wallet 1 (52%)	0x238f0db09333739edb356014fd85243d90e958ee
Wallet 1 (20%)	0xc7580aa19576d18976e658c9cd391b16c5b12b44
Wallet 1 (10%)	0x10cd63b347e4177745ced672ef6005547daa2388

# Security Threats

**Owner can set buy/sell fees up to 20% (combined buy+sell=40%)**

```
function setAllBuyTaxes(uint256 _bRewardsTax, uint256 _bDonationTax,
    uint256 _bMarketingTax, uint256 _bDevelopmentTax
) external onlyOwner {
    require(
        meetsTaxRange(_bRewardsTax) && meetsTaxRange(_bDonationTax) &&
        meetsTaxRange(_bMarketingTax) && meetsTaxRange(_bDevelopmentTax)
    );
    _rewardsTaxForBuying = _bRewardsTax;
    _donationTaxForBuying = _bDonationTax;
    _marketingTaxForBuying = _bMarketingTax;
    _developmentTaxForBuying = _bDevelopmentTax;
}

function setAllSellTaxes(uint256 _sRewardsTax, uint256 _sDonationTax,
    uint256 _sMarketingTax, uint256 _sDevelopmentTax
) external onlyOwner {
    require(
        meetsTaxRange(_sRewardsTax) && meetsTaxRange(_sDonationTax) &&
        meetsTaxRange(_sMarketingTax) && meetsTaxRange(_sDevelopmentTax)
    );
    _rewardsTaxForSelling = _sRewardsTax;
    _donationTaxForSelling = _sDonationTax;
    _marketingTaxForSelling = _sMarketingTax;
    _developmentTaxForSelling = _sDevelopmentTax;
}

function meetsTaxRange(uint256 tAmount) private pure returns (bool) {
    uint256 min = 5; // 0.5%
    uint256 max = 50; // 5%
    return tAmount >= min && tAmount <= max;
}
```

**Owner can change max transaction limit, but can't lower it than 0.06% of total supply.**

```
function setMaxTxLimit(uint256 _maxTxAmount) external onlyOwner {
    require(_maxTxAmount >= 150000 * 1e9);
    maxTxAmount = _maxTxAmount;
}
```



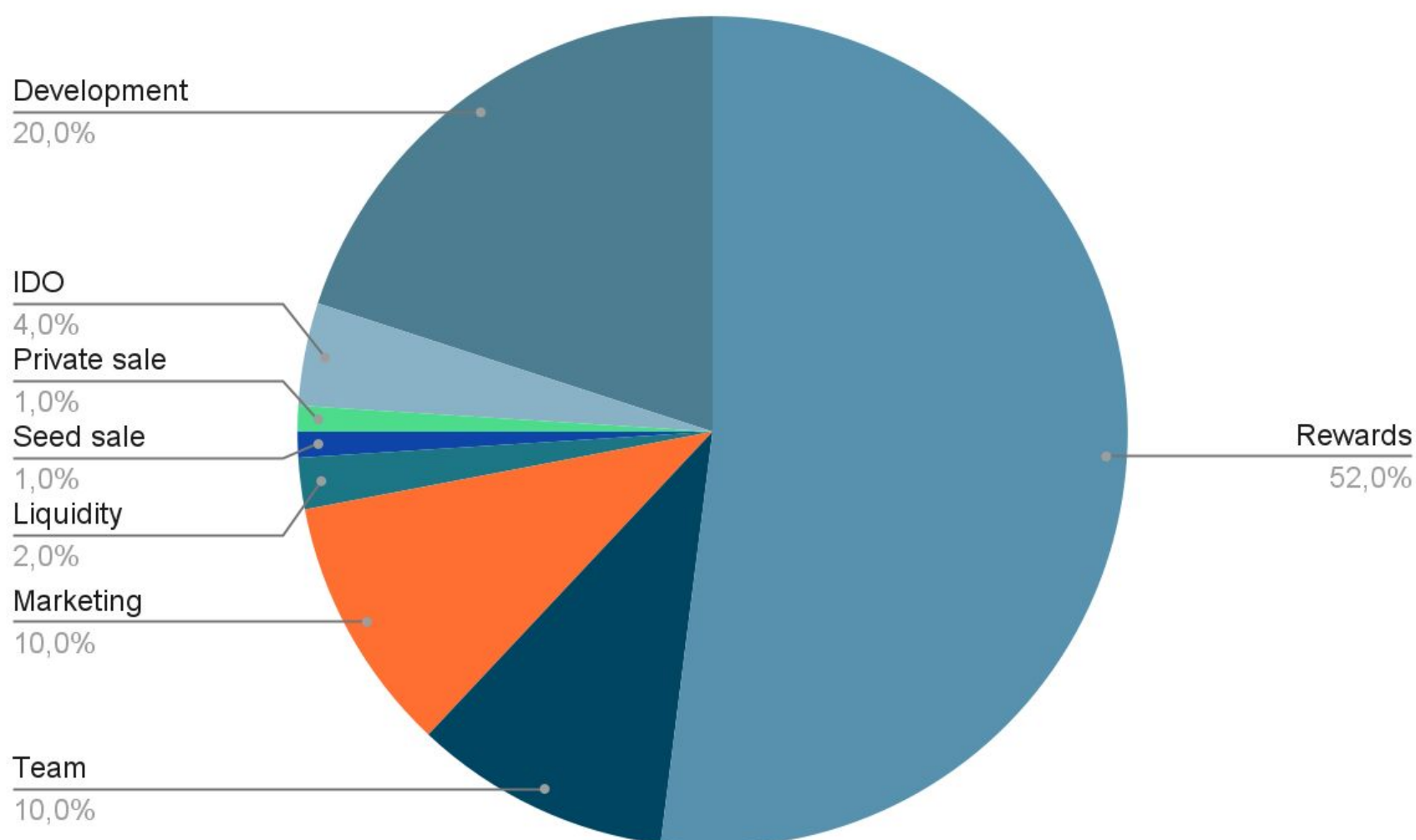
# Tokenomics

## According to their whitepaper

### Tokens distribution:

Total supply 250,000,000 \$DFC

- 52% - Rewards
- 20% - Development
- 10% - Team
- 2% - Liquidity
- 10% - Marketing
- 1% - Seed sale
- 1% - Private sale
- 4% - IDO



# DeFighter Project & Team Review

According to their whitepaper:

DeFighter will be skill based fight-to-earn game. There will be 3 gameplay modes – PVP (player vs player) for rewards, Tournaments for rewards, Free play for XP points.

Players can purchase NFT sprites with \$DFC which will have unique traits and abilities. These NFT sprites can then be used to participate in PVP (players vs player) game modes. In fight-for-fun game mode the players can fight but instead earning tokens will earn XP (experience) points.

When certain XP points are collected, player will unlock special moves.

In order to participate in game modes players must stake their \$DFC first.

Future development goals:

- NFT marketplace where users can mint and trade their NFTs
- Staking pool where users can stake their \$DFC. Fights per 24 hour will depend on the amount staked.
- Metaverse integration

**Team:**

**KYC performed by SpyWolf**

# DeFighter Project & Team Review

**Team:**



# Website Analysis

URL: <https://de-fighter.io/>

- **Design:** Unique interactive design, nice color scheme.
- **Content:** Informative - consists of whitepaper, medium articles and links to project's social pages.
- **Whitepaper:** Well written, informative, no grammar mistakes.
- **Roadmap:** Goals set at 4 phases without time frames.
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.



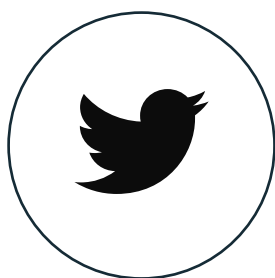
# Social Media & Online Presence



## Telegram

<https://t.me/DeFighterOfficial>

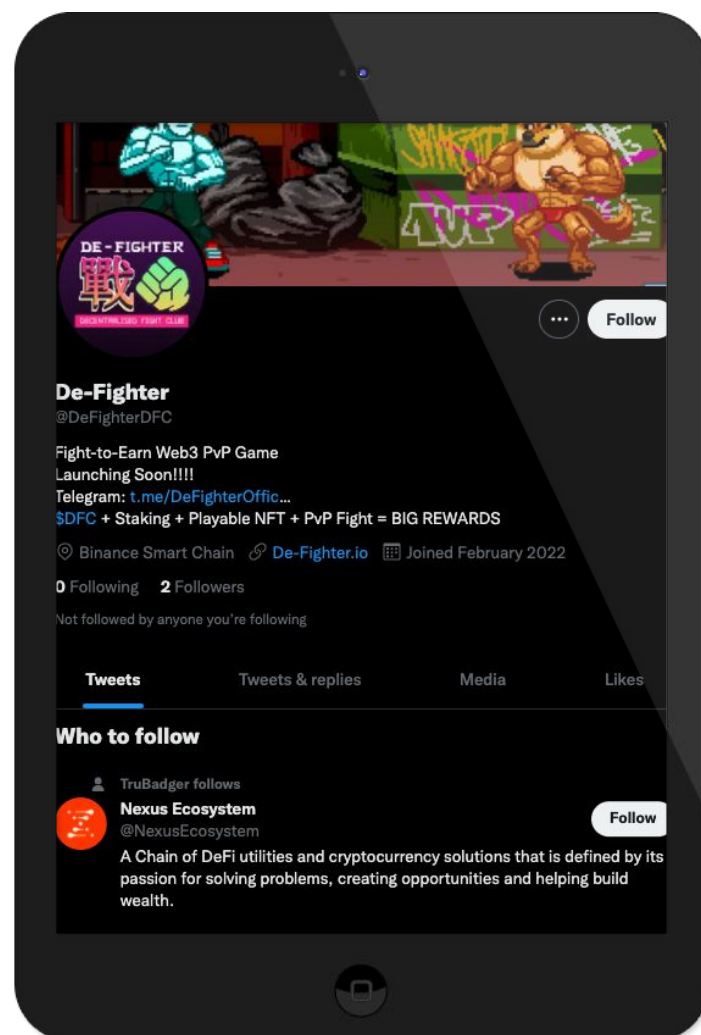
- 551 members
- Few active members
- Active mods



## Twitter

<https://twitter.com/DeFighterDFC>

- 16 400 Followers
- Active

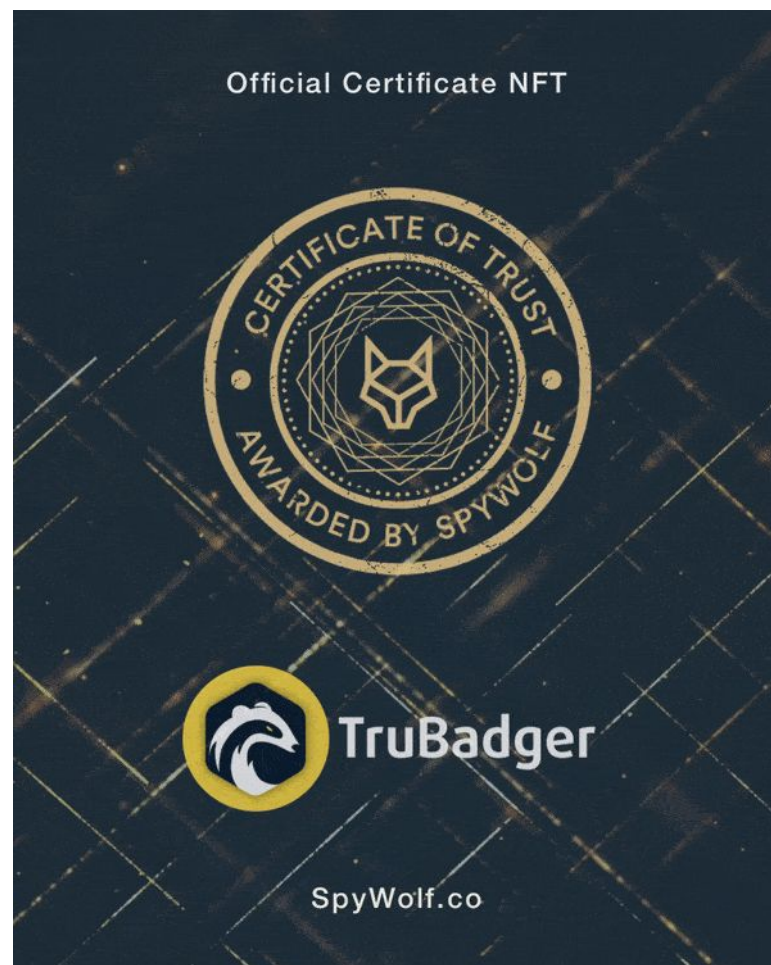




# About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: [SpyWolf.co](https://SpyWolf.co)
- Portal: [SpyWolf.network](https://SpyWolf.network)
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

**If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to [contact@spywolf.co](mailto:contact@spywolf.co).**

# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.